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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Paul et al.

Serial No.: 10/812,858

Filed: 3/30/2004

Title: POWER AMPLIFIER CIRCUITRY  
AND METHOD

Group Art Unit:

2817

Examiner:

SHINGLETON, MICHAEL B

Attorney Docket No.: SIL.P0075

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

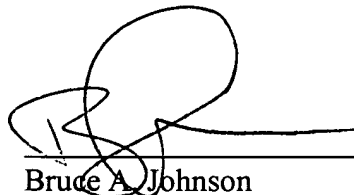
This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97(c) together with either a:
  - ☐ (1) Certification under 37 CFR 1.97(e), or
  - ☒ (2) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
  - ☐ Certification under 37 CFR 1.97(e), and
  - ☐ a \$180.00 fee under 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
- ☐ under 37 CFR 1.97(i)  
(Not filed under either § 1.97 or § 1.98. IDS to be placed in the file)
- ☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of non-US patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

An electronic IDS is being submitted concurrently with this IDS. The electronic IDS included the \$180 IDS fee.

It is requested that the information disclosed herein be made of record in this application. The inclusion of references in this IDS is not an admission that the references are prior art.


Respectfully submitted,

A handwritten signature in black ink, appearing to be "Bruce A. Johnson", written over a horizontal line.

Bruce A. Johnson  
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FORM PTO-1449 	ATTY. DOCKET NO.	SIL.P0075	SERIAL NO.	10/812,858
	APPLICANT	Paul et al.		
	FILING DATE	3/30/2004	GROUP	2817

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	20050052235	03/10/05	Paul et al.		
	20050052236	03/10/05	Paul et al.		
	20050052237	03/10/05	Paul et al.		

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLAS	TRANSLATION	
						YES	NO
	WO 00/16492	03/23/00	Macnally et al.				
	WO 98/37627	08/27/98	Ledenev et al.				
	EO 399561	11/28/90	Clanahan et al.				
	DE 4419318	07/12/95	Grunecker et al.				

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Sokal, N. O. and Sokal, A. D., "Class E - A new class of high-efficiency tuned single ended switching power amplifiers," IEEE Journal of Solid State Circuits, vol. SC-10, No. 3, June 1975, pp. 168-176.
	Makihara, Chihiro et al., "The Possibility of High Frequency Functional Ceramics Substrate", International Symposium on Multilayer Electronic Ceramic Devices, 5/5/98 in Cincinnati, Ohio.

EXAMINER

DATE CONSIDERED